

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------|------------------|---------|------------------|
| S1 | 5017 | ((84/600-616) or (84/622-635) or (84/637-638) or (84/645) or (84/647-651) or (84/653-667) or (84/669)).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/04 16:45 |
| S2 | 4921 | ((84/735-746) or (84/19-29) or (84/33-38) or (84/170-172) or (84/174) or (84/189-199) or (84/216-218) or (84/225-234)). OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/04 16:46 |
| S3 | 187 | (S1 or S2) and ((harmonic or harmonic\$4 or resonat\$3 or resonanc\$2 or harmon\$3 or harmoniz\$5 or sympatheti\$5) near5 (sound or note or resonat\$3 or resonanc\$2 or pitc\$3 or frequenc \$3)).ab. | US-PGPUB; USPAT | ADJ | ON | 2007/12/04 16:50 |
| S4 | 175 | S3 and (digital or processor or processing or circui\$4 or electroni\$5 or electrica\$3) | US-PGPUB; USPAT | ADJ | ON | 2007/12/04 16:51 |
| S5 | 114 | S3 and (digital or processor or processing or circui\$4 or electroni\$5 or electrica\$3).ab. | US-PGPUB; USPAT | ADJ | ON | 2007/12/04 16:52 |

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|-----|-------|--|--------------------------|-----|-----|------------------|
| S6 | 80 | S5 and ((depres\$4 or pres\$4 or play or play\$3 or pus\$4 or hit or hitting) near3 (key or keyboard or note or pitch)) | US-PGPUB; USPAT | ADJ | ON | 2007/12/04 16:54 |
| S7 | 71 | S6 and (piano or keyboard or synthesizer) | US-PGPUB; USPAT | ADJ | ON | 2007/12/04 16:57 |
| S8 | 652 | (sato near3 hiroshi).in. | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2007/12/05 07:44 |
| S10 | 17 | S8 and ((harmonic or harmonic\$4 or resonat\$3 or resonanc\$2 or harmon\$3 or harmoniz\$5 or sympathet\$5) near5 (sound or note or resonat\$3 or resonanc\$2 or pitc\$3 or frequenc \$3)) | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2007/12/05 07:45 |
| S11 | 10 | S10 and (key or keyboard or piano) | US-PGPUB; USPAT; DERWENT | ADJ | ON | 2007/12/05 07:45 |
| S13 | 150 | (84/662).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/05/18 16:37 |
| S14 | 36210 | "84".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/12/04 12:58 |
| S15 | 4894 | S14 and (piano or keyboard or key).ab.ti. | US-PGPUB; USPAT | ADJ | ON | 2009/12/04 12:59 |
| S17 | 25 | S15 and ((volume or amplitude or magnitude or loud\$4 or soft\$4 or quiet\$4) near5 ((position\$4 or locat\$4 or side or area or octave or portion or segment) near3 (key or keyboard or piano))).ab, clm. | US-PGPUB; USPAT | ADJ | ON | 2009/12/04 13:02 |

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|-----|-------|--|--------------------|-----|----|---------------------|
| S18 | 127 | S15 and ((volume or amplitude or magnitude or loud \$4 or soft\$4 or quiet\$4) near5 ((position\$4 or locat\$4 or side or area or octave or portion or segment) near3 (key or keyboard or piano))) | US-PGPUB; USPAT | ADJ | ON | 2009/12/04 13:08 |
| S19 | 102 | S18 not S17 | US-PGPUB; USPAT | ADJ | ON | 2009/12/04 13:09 |
| S20 | 11 | S19 and ((play\$4 or sound\$3 or depress\$4 or actuall\$4 or press \$4 or forc\$4) near5 (consecutiv \$4 or delay\$3 or already or previous\$3 or before or earl\$4 or prior or preced \$4 or former or past or sooner)). ab,clm,ti. | US-PGPUB; USPAT | ADJ | ON | 2009/12/04 13:21 |
| S21 | 36210 | "84".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/12/05 08:11 |
| S22 | 4894 | S21 and (key or keyboard or piano).ab,ti. | US-PGPUB; USPAT | ADJ | ON | 2009/12/05 08:11 |
| S23 | 255 | S22 and ((play\$4 or sound\$3 or depress\$4 or actuall\$4 or press \$4 or forc\$4) near5 (delay\$3 or already or previous\$3 or before or earl\$4 or prior or preced \$4 or past or former\$3 or sooner)).ab,clm,ti. | US-PGPUB; USPAT | ADJ | ON | 2009/12/05 08:12 |

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|-----|-----|---|--------------------|-----|----|---------------------|
| S25 | 128 | S23 and ((play\$4 or sound\$3 or depress\$4 or actual\$4 or press \$4 or forc\$4) near3 (octave or third or fifth or fourth or relation \$4 or interval)) | US-PGPUB; USPAT | ADJ | ON | 2009/12/05 08:14 |
| S26 | 69 | S25 and ((play\$4 or sound\$3 or depress\$4 or actual\$4 or press \$4 or forc\$4) near3 (already or previous\$3)) | US-PGPUB; USPAT | ADJ | ON | 2009/12/05 08:15 |
| S27 | 49 | S26 and keyboard. ab,clm. | US-PGPUB; USPAT | ADJ | ON | 2009/12/05 08:15 |

EAST Search History (Interference)

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12/5/2009 10:52:59 AM

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